



500.36179CC2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Tetsuya NAKAGAWA et al.  
Serial No.: 10/639,445  
Filed: August 13, 2003  
For: TERMINAL APPARATUS  
Group: Unassigned  
Examiner: Unassigned

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Technology Center 2100

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 31, 2003

Sir:

Before examination on the merits, please amend the above-identified  
application as follows:

**Amendments to the Claims** begin on page 2.

**Remarks** are included following the amendments.